

WHAT IS CLAIMED IS:

- 1 1. A system for measuring network round trip time, comprising:
2 a processor; and
3 a monitor and analysis engine coupled to the processor for
4 determining the presence of a fast-response operation and calculating
5 the round trip time.

- 2 2. The system of claim 1 wherein the monitor and analysis engine
2 includes a fast response operator analyzer for detecting the presence of
3 the fast-response operation.

- 1 3. The system of claim 1 wherein the monitor and analysis engine
2 includes fast-response time operation definitions which list characteristic
3 information associated with fast-response operations.

- 1 4. The system of claim 3 wherein the definitions are user-supplied.

- 1 5. The system of claim 3 wherein the definitions are automatically
2 generated.

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1 11. The method of claim 8 further comprising the step of identifying a
2 time when the packet was sent and identifying a time when a response
3 packet was received.

1 12. The method of claim 11 wherein the round trip time is calculated
2 by determining the time difference between when the packet was sent
3 and when the response packet was received.

1 13. The method of claim 8 further comprising the step of assuming
2 that a packet indicating a fast-response operation was substantially
3 instantaneously processed at a server computer.

1 14. The method of claim 8 further comprising the step of providing a
2 representation of the round trip time via a display device to a user.

1 15. A system for measuring network round trip time comprising:
2 means for determining if a packet indicates a fast response
3 operation; and
4 means for calculating a round trip time if the packet does include a
5 fast response operation.

1 16. A computer-readable medium storing program instructions for
2 causing a computer to measure network round trip time, by performing
3 the steps of:
4 determining if a packet indicates a fast response operation; and
5 if the packet does indicate a fast response operation, calculating a
6 round trip time.

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